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Customer No. 27667

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Docket No.: MER 03.01 Date: April 21, 2004

MAIL STOP PATENT APPLICATION

| Commissioner for Patents |
|---|
| P.O. Box 1450 |
| Alexandria, VA 22313-1450 |
| Dear Sir: |
| Transmitted herewith for filing is the patent application of: |
| Inventor: WITHERS et al. |
| For: THERMAL AND ELECTROCHEMICAL PROCESS FOR METAL PRODUCTION |
| Enclosed are the following: |
| [X] Letter: SUBMISSION OF INCOMPLETE APPLICATION [X] Specification 27 pages; Claims 11 pages; Abstract 1 page [] Declaration and Power of Attorney [X] Sheet(s) of drawings 4 pages [] An assignment of the invention to: |
| An assignment of the invention to: |
| Applicant claims small entity status. See 37 CFR 1.27. |
| Priority is hereby claimed under 35 USC 119 by way of patent application No filed |
| Benefit is hereby claimed under Title 35, United States Code 119(e) of United States provisional application No. 60/496,981 filed August 20, 2003 |

The filing fee has been calculated as shown below:

| | | SMALL ENTITY | LARGE ENTITY |
|-----------------------|-------------|--------------------|--------------|
| BASIC FEE: | | \$385.00 | \$ 770.00 |
| TOTAL CLAIMS: | 109 - 20 = | 89 x 9 = \$801.00 | x 18 = |
| INDEPENDENT CLAIMS: | 15 - 3 = 12 | 12 x 42 = \$504.00 | x 86 = |
| MULT. DEPEND. CLAIMS: | | + 140= | + 280= |
| TOTAL: | | \$ 1,690.00 | \$ 770.00 |

[X] Form PTO-2038 authorizing credit card payment in the amount of \$_1,690.00 fees is enclosed.

[] (\$40.00 Assignment recordal fee is included)

The Commissioner is hereby authorized to charge any additional filing fees required under 37 CFR 1.16 or credit any overpayment to Deposit Account No. 08-1391.

> Norman P. Soloway Attorney of Record Reg. No. 24,315 Customer No. 27667

CERTIFICATE OF EXPRESS MAILING

| "Express Mail" Mailing Label No | ER771388980US | _ Date of Deposit: | April 21, 2004 |
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| P.O. Box 1450, Alexandria, VA 22313 | | B | |
| Signature of person mailing: | <u> </u> | | |
| Name of person mailing: | Shauna Bronson | | |
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